

### CLAIMS

1. – 6. (Canceled)

7. (Previously Presented) A method of producing an autophilic antibody by chemical or genetic engineering techniques, wherein the autophilic antibody contains a T15 autophilic peptide having the amino acid sequence shown in SEQ ID NO. 1 attached to the immunoglobulin component of the antibody, and wherein the T15 peptide of the autophilic antibody is crosslinked to a nucleotide affinity site of the immunoglobulin.

8. (Previously Presented) A method of producing an autophilic antibody by chemical or genetic engineering techniques, wherein the autophilic antibody contains a T15 autophilic peptide having the amino acid sequence shown in SEQ ID NO. 1 attached to the immunoglobulin component of the antibody, and wherein the T15 peptide is crosslinked to a carbohydrate site of the Fc portion of the immunoglobulin.

9. (Previously Presented) A method of producing an autophilic antibody by chemical or genetic engineering techniques, wherein the autophilic antibody contains a T15 autophilic peptide having the amino acid sequence shown in SEQ ID NO. 1 attached to the immunoglobulin component of the antibody, and wherein the T15 peptide is conjugated to an amino or sulfhydryl group of the immunoglobulin.

10. (Previously Presented) A method of producing an autophilic antibody by chemical or genetic engineering techniques, wherein the autophilic antibody contains a T15 autophilic peptide having the amino acid sequence shown in SEQ ID NO. 1 attached to the immunoglobulin component of the antibody, and wherein the autophilic antibody is expressed as a fusion protein containing the T15 autophilic sequence.

11. – 17. (Canceled)